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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];**  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **COLLADOS ASENSIO, Manel [ES/NL];** c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE JONG, Gerben, W. [NL/NL];** c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: **ELEVELD, Koop, J.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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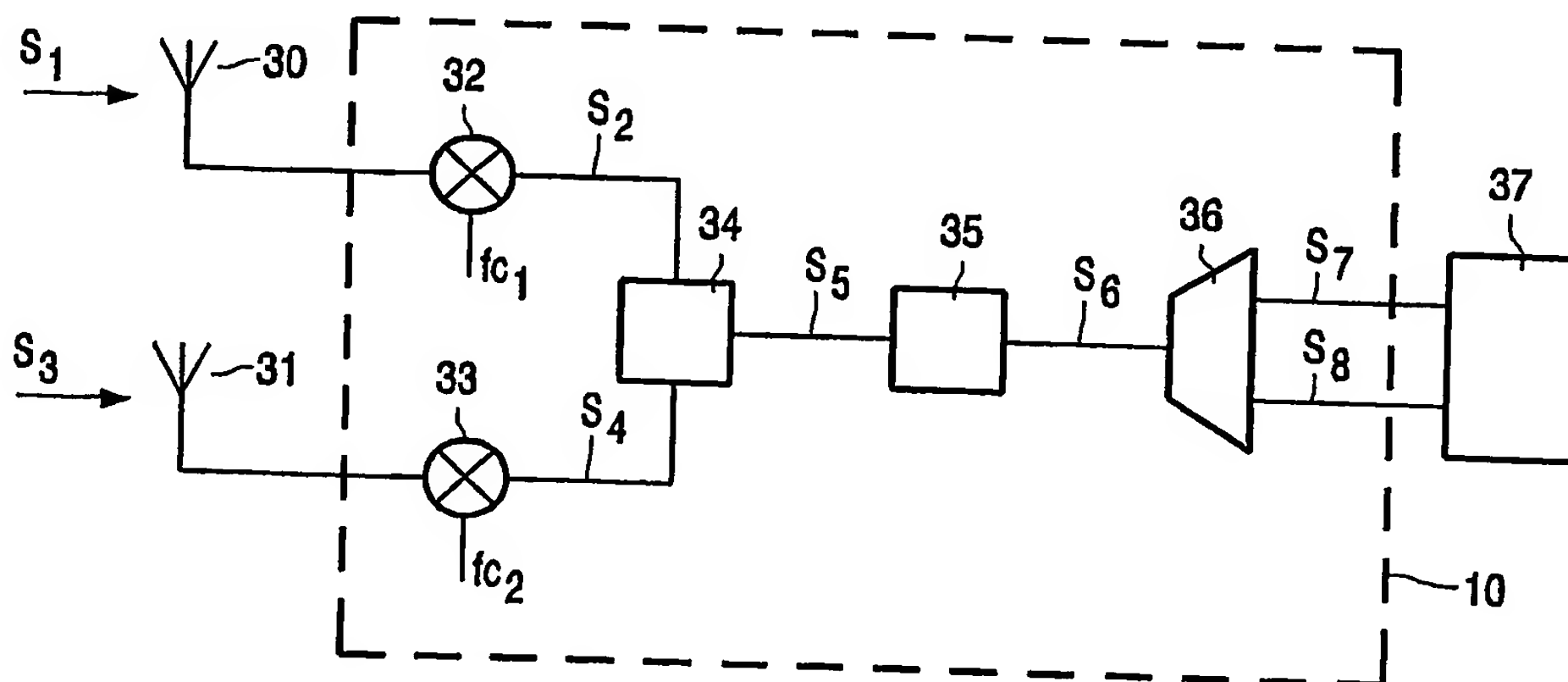
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(54) Title: **FREQUENCY MULTIPLEXED ARCHITECTURE**



(57) Abstract: A receiver (10) is arranged to simultaneously receive at least a first (S1) radio frequency signal having a first frequency band (1) and a second radio frequency signal (S3) having a second frequency band (3) that is at least partly overlapping the first frequency band (1). The receiver has frequency down-conversion means (32,33) for frequency down converting the at least first (S1) and second radio frequency signals (S3) to at least a first (S2) and a second (S4) lower frequency signal and multiplexing means (34) for sequentially multiplexing the at least first (S2) and second lower frequency signals (S4) into a frequency multiplexed signal (S5).



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